

ABSTRACT OF THE DISCLOSURE

**[0064]** A device that receives data transmitted over a network medium includes a memory that stores phase information associated with a pilot tone. The device also includes logic that identifies a second pilot tone received with a number of tones and determines the phase of the second pilot tone. The logic also determines a difference between the phases of the two pilot tones and modifies phase information associated with a number of tones based on the difference. The received data with the modified phase information may then be decoded.